1916.

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CITY & COUNTY OF KINGSTON UPON HULL:

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

J. WRIGHT MASON, M.B., C.M., D.P.H., M.R.C.S.E., MEDICAL OFFICER OF HEALTH.



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							l'agr.
Area of City					 		4
Assessable Value of City					 	0 0	4
Births					 		4
Births in Hull for past ter	years				 		ō
Births, illegitimate					 		4
Cowsheds and Dairies					 		20
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Notification of Births Act					 		.).)
Oplithalmia Neonatorum							20
•		• •			 	• •	
Persons bathed					 		25
Persons per house, number	·1* +1				 		-}
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Public Baths					 		25
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Refuse Collection					 		25
Sale of Foods and Drugs	Act, sa	mples	taken	under	 		23
Tuberculosis					 	14. 1	5, 16
Dispensarie							8. 19

SUMMARY OF STATISTICS.

		1916.	1915.
Area of City		9359 acres.	9359 acres.
Height above sea (ordn	ance		
datum)		12 feet.	12 feet.
Population	, ,	289,156	269,530
Density	• •	31·1 persons per acre.	31·1 persons per aere.
No. of Houses (estimate	ed)	66,240	66,152
No. of persons per house	е	4.1	4.4
No. of Marriages		2,202	3,432
Marriage Rate	0 0	16:3	53.6
No. of Births		6,712	7,230
	(:	3494 m., 3218 f.)	(3715 m., 3515 f.)
BIRTH RATE		23.2	24.8
Illegitimate Births		351	331
Do. Birth-rate		1.2	1.1
No. of Deaths		$4,\!266$	4,494
	(2	283 m., 1983 f.)	(2358 m., 2136 f.)
DEATH RATE		16.6	16.7
Infantile Mortality		770 deaths under Lyear, or 121 per 1,000 births.	867 deaths under 1 year, or 120 per 1,000 births.
No. of Zymotic Deaths		334	450
Zymotic Death Rate		1.5.4	1:60
Diarrhoea Death Rate		0.61	[10]
Assessable Value		£1.332,700	£1,324,946
Produce of Id. Borough	Rate	¢5,129 16s. 0d.	£5,096 16s, 0d.

NOTE. In accordance with the estimate of the Registrar General, the death rates are based on a population of 265,764 and the birth rate on a population of 289,156. The former is an estimate of the civilian population; the latter of the total population based on the assumption that the ratio between the total of the civilian population is the same in the city as in England and Wales as a whole.

The deaths of 41 soldiers and sailors are excluded from these returns.

City and County of Kingston upon Bull.

REPORT.

VITAL STATISTICS.

Births.

The returns of the local registrars recorded 6,712 births within the City, equal to a rate of 23°2 per thousand of the population, as against 24°8 in the preceding year. The average birth rate for the previous five years (1911–15) was 27°1.

Of the total births 3,494 were males and 3,218 were females.

The number of illegitimate births was 351, equal to a rate of 1°2 per 4000, as against 1°1 in 1915.

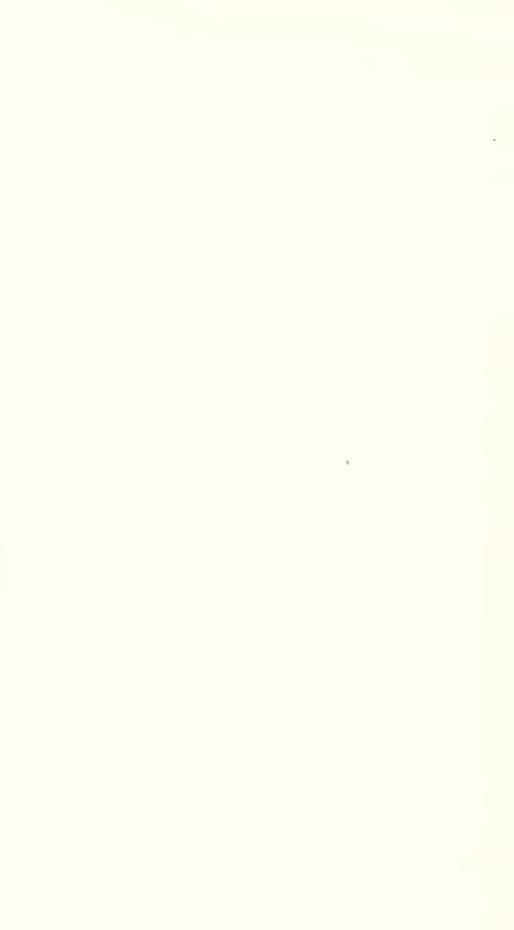
The subjoined figures show the number of births and the birth rates for the last ten years:--

Year.	No. of Births.	Birth Rate.
1907	7680	*) () -
1908	8167	30.5
1909	8037	29.6
1910	8014	<u> - </u>
1911	7949	28.5
1912	7834	27.7
1913	7904	1) m . m
1914	J () () ->	27.1
1915	7230	21.8
1916	6712	23.2



CAUSES OF, AND AGES AT, DEATH IN LOCALITIES, &c.

Causes of Death.	1			t the su										Ne	tt Deal	hs of '	'Resider with	ents" w	hether Distri	occurr	ring					Total Deat
CAUSES OF DEATH.	All ages.	Under 1 year.	1 and under 2 years	2 and noder 5 years.	5 and under 15 years.	15 and under 25 years.	under	45 and under 65 years.	65 and nawards.	Drypool.	Alexandra	South- contes.	Beverley.	East Contral.	West	Paragon.		Newland.	White.	Myton.	Botanle.	Albert.	Coltman.	South Newir g- ton.	North Newing- ton	Institution in the District.
All Certified	4244 22	762 8	232	199	219	177	520 1	981 10	1151	278 1	354 3	444	130	344	282 4	170	146	285	103	257 1	2,37	226	356	486	176	982
Bubonic Plague	$\frac{1}{23}$			2	2	1 5		4		::	1 4	4				• • • 1										
Small Pox	59	15	24	· i7						,	٠.,	10		,								::	1	2		14
Scarlet Fever	8	1	2	2	1				• •	′ ′	1	10		1	1	2	1	1	2	3	1	6	8	13	1	1
Whooping Cough	56	23	17	11	5	1		1			9	1	٠٠,	* * *				1			3		1	1		7
Diphtheria and Croup	24	9	6	7	8					4	0	8	1	6	3	3	1	4		2	1	2	5	10	3	
Influenza	61	2		,	0		8	on.	23	1 1	11	1			2			7			2	1	1	5	3	8
Erysipelas	7	1				1	8	23		8	11	5	3	7	6	1	1	6		3	2	4	i	1	9	20
Phthisis (Pulmouary	1	1	٠.		• • • • • •	1		1	4	1	1			1				1		1	ī	. *	î	1	4	
	0.50		9		0.0	W.3. I	201													_	•		*			3
Tuberculosis)	353	10	3	3	33	72	164	66	11	15	23	36	6	20	27	17	13	18	8	2.9	23	21	38	45	14	0.5
Tuberculous Meningitis	53	13	11	15	11	3			1	4	4	10	2	4	2		1	2	1	ī	1	1	6	11	14	67
Other Tuberculous Diseases	87	8	13	21	25	7	8	4	1	3	6	12	2	10	6	2	3	5		6	3	2	4		3	6
Cancer, malignant disease	285	1	* * *			3	24	155	102	18	26	27	6	18.	29	12	11	23	12	24	18	8	16	18	5	20
Rheumatic Fever	3						3				1	1						1	1 2		10	0	15	27	11	85
Meningitis	52	10	3	10	19	4	3	3		3	9	7			1	9	2	3		3		* *	* * * * * *	44.		
Organic Heart Disease	406		1		12	17	45	200	131	21	37	34	12	31	24	20	18	28	13	28	3	3	2	11	1	15
Bronchitis	402	72	17	10	3	2	17	109	174	25	24	41	13	48	34	20	19	16	14		17	29	34	44	16	79
Pneumouia (all forms)	404	121	73	51	24	9	35	61	30	39	41	32	14	37	34	12	1 17	22		22	17	19	36	38	20	55
Other diseases of Resp. organs	57	8	5	6	1	1 +	9	12	15	1	4	6	2	7	3	2	3	23	5	19	14	24	45	47	12	89
Diarrhœa and Enteritis	163	107	25	7	6		2	7	9	16	17	28	2	ıí	5	5	8	4	1	3	3	4	7	3	4	9
Appendicitis and Typhlitis	11			i	6	1.1	ī	i	i	1	î	1	1		9	9	8	9	4	10	4	7	11	19	11	13
Cirrhosis of Liver	18				ĭ		9	13	2	2	î	9	1	• •	2					h +				2		9
Alcoholism	4				- 1		9	2		~			1			1	1	1	2		3	2		2		2
Nephritis and Bright's Disease	75		1	1		3	11	29	26	***	6			1	1					1				ī	- i i	_
Puerperal Fever	6			1	*	3	2 2			4	2	6	5	2	3	4	3	8	1	5	4	2	8	8	6	16
Other accidents and diseases of					* *	9	9			• •	2		1			1				1		1			· · ·	2
Pregnancy and Parturition	19					2	16	1	1	0.1		1													1	2
Congenital Debility and	10		• •			2	10	1		2	2	* * *		2	1	1		2		1	2		5	1		7
Malformation, including									- 1	1										- (-			1 1	- 11	7
Premature Birth	322	304	10	(4																ł						
Violent Deaths, excluding	322	304	10	6	2					20	32	43	12	30	31	14	4	19	2	12	6	21	24	40		
	100	1	4	* 15	2.0			1									-			12	0	21	24	43	9	38
Suicide	180	1	4	13	23	13	44	46	30	15	21	17 :	2	9	7	13	1	8	11	13	-	1.0	1.77			
Suicides	18					1	7	6	4		2	2	1	1	1	1	2		1	2	4	12	17	21	9	79
Paralysis aud Diseases of Brain	331			1	6	4	51	154	115	19	24	30	16	30	23	11	10	31	9		1	10	0.7	3	1	2
Old Age	433	11.						17	416	24	25	44	19	35	16	16	27	30	16	19	22	13	27	34	13	90
Other Defined Diseases	343	74	17	15	24	19	58	79	57	29	25	35	6	30	23	9	12	37		23	35	30	31	41	21	114
Diseases ill-defined or unknown		;												-					3	26	16	14	28	39	11	125
															• •		• •									
Totals	4266	770	232	199	219	177	521	994	1154	282	357	446	130	344	286	170	140	204	104	200						
SUB-ENTRIES—										202	301	170	100	944	280	170	148	286	104	258	207	226	356	490	176	982
included in above figures																										002
Gerebro-Spinal Meningitis	5	2		1		9				1		9														
										I		3										1				



The following table shews the general death-rate and death-rates per 1000 from the seven principal Zymotic diseases in Hull for the years 1896 to 1915:

Yest.	Birth-rate per 1000.	Death-rate per 1900.	Seven Zymotic Discises	Small Pox.	Measles	Scarlatina.	Diphthera.	Whooping Cough.	Fevers.	Duffica.
1897	33.1	18-1	2.96		0.09	0.27	0.08	0.25	0.23	2.00
1898	33-4	18.0	2.63		0.34	0.11	()-()4	0.29	0.24	1.58
1899	33-8	18.8	3.38	0.61	0.47	0.17	0-09	0.56	0.18	1.26
1900	32.7	19-2	3.02	0.07	0.54	0.17	0.06	0.28	()-2()	1.69
1901	33-1	18-3	3.02		0.48	0.06	0.15	0.38	0.22	1.70
1902	31.8	16.8	2:19		0.76	0.07	0.34	0.42	0.18	0.41
1903	$31 \cdot 2$	16.6	2.22	0.02	0.47	0.03	0.30	0.09	0.07	1.24
1904	30-9	18.3	3.46	0.01	0.70	0.05	0.24	0.24	0.14	2.07
1905	30.0	16.1	2.35	0.01	0.08	()-]()	0.28	0.47	0.08	1.31
1906	30.0	17.1	2.80	0.04	0.23	0.03	0.51	0.26	0.18	1.54
1907	29-1	16-2	1.89	()-()()	0.66	()·()5	0.24	0.37	0.06	0+49
1908	30.5	16-5	2.40		0.34	0.01	0.17	0.20	0.08	1.59
1909	29.6	15:1	1.38	()-()()	0.28	0.04	0.22	0.18	0-04	0.60
1910	29-1	15.5	1.93	0.00	0.26	0.05	0.16	0.24	()-	1.10
1911	28.5	16.6	3-20		0.34	()-()-[0.07	0.33	0.24	2.20
1912	27.7	14-4	1.08		0.52	0.00	()-()7	0.09	0-11	0.32
1913	27.5	14.7	1.75		0.04	0.00	0.12	0.26	0.11	1.17
1914	27-1]ő·()	1.71		0.32	()-()2	0.16	0.16	()- -	0.91
1915	24.8	16.7	1.68		0.13	0.02	0.21	0.20	() () ()	1.0
1916	23-2	16.6	1-24		0.22	0.03	0-09	()-22	0-09	0.61

Note.—In this table 0.00 indicates that the deaths were too few to give a rate of 0.005; when no deaths occurred — is inserted.

CASES OF INFECTIOUS DISEASE NOTIFIED.

ridge it .even	Total Cases removed	to Hospital.	21 T	8 5	55	11		71		107	- 22		+923
		S. Newin	11	7	1-				13	3	21 22 21 22 22	T	0.00
		N. Newin		325	1	11		IT	15	07	m 0		557.6
IX.		Coltin.		20 21 3 21 21 3	: :=		20	11	σ.	10	12.35	1	150
ALI		Alber	11	1-1-3	-	'	·	~	i.c.	17	20 7		58
,0 ,	-	maost		723	140				13	91	- 21	-	60
NOTIFIED IN EACH LOCALITY	.1	Mytoi		12 20 2			_	-	1 %	_	12 8		100
EAC	'SIP	ristid7/			H				_	\Box	21 🔀	1	12:
Z		Barago		3 2 3	1 21		_		_	Ξ	21 🗔	-	00
A		Park		50.0	-	1 1			-	G:	13 8		116
[F][Newlar		30,410	1 0	1			wege	$_{\infty}^{51}$	12 0 00		7
OT		West Cer		5000	1 21				=	÷	27	1	<u>x</u>
	fral.	neO teeH		5 - 15	1 00		~		7.1	:1	X 17		-
ASE	GL	Bever	1	±2 ± €	1 00			1-		53	13 B	erio)	23
TOTAL CASES	.səji	Southeos		6171	: =	-	21	31	9	91.	12	1	366 182 144 184 511 116 100 - 37 195 160 158 164 357 610
rot.	11:31	Ујсквис	21 21	9313	16		7.1	31	5	50	9 051		503
	,lc	DiAbo		993	1 1-		_	-	X	ŝi	167	1	298 303
		bas 68 sbrswqu	11	51	ده ا	1 1	1		1				(F)
		45 and under 65 years.	11	w 13 *			1		and a second	61			141
TIFIED	rs.	25 and under 45 years.		21 22 2	18		т. С		- Community	167	x x		305
CASES NOTIFIED	At Ages—Nears	15 and under 25 years.		큐유단	F 51		::	777 J	and a second	116	±0 50	1	<u>x</u>
OF	At A	bander 15 years.		197	T 5	-	{		-	5.1	1099	1	1865
NUMBER		bin. I 6 Tobin 5 Sears.	11	96 7 95] **	1	1	- ::	1	16	101	1	1333
6.		TrobaU Zesv	1-1		:	1	Į	21	35	-	10 =]	200
		Atuil	÷1	875	17	-	21		3	12	- E	_	71
		*,	: 2.	::	: : :		:	: :	:		: :	:	
	DISITASE.		Sm ll Pov	Membranous croup. Erysigalas	Typhus lever Enteric Fever	Relapsing Fever Continued Fever	Purit eral Fever Cerebro-Spinal	Mennanis	ium	Tuberculosis	Tuberculosis Measles	Anthr. x	Totass
		1	J.J.	H	LA	Con	Cer Cer	Pol			N. J.	And	

* 11 cs maures include eight Military and Naval cases notified, viz., 1 Diphtheria, 2 Scarlatina, 1 Typhond and 1 Measles. † Including 56 Military and Navat, 7 Port Santary Authority and 25 cases removed from Outside Authorities.

Hospitals.

The following tables show the number of patients admitted into the two Infectious Diseases Hospitals, and the diseases from which they were suffering:

CITY HOSPITAL, HEDON ROAD.

					N	\	• 1	S1 \	al	PΛ	(1) N	15.					1.	nl.		
DISLASIS	1 ×		1 to	, 3				15.	to d	i.5		5.	45 to 5	ő,	Abe 55 year	1 >.	Male-	Fetti .le s.	Tatal Admission	Deaths.
	\1	1.	М	1 .	М.	1.	М.	1.	М	ŀ.	М.	11.	М.	<i>V</i> .	М.	F.		-		
City Cases. Scarlating A limitation. Deaths	.;		::>	45	122	165	15	19			11	÷					189		121	
Diglit (1.) Admissions				26 26		×5	- 1	3(1			.;	- 1	2	1		1	92	152	214	
1 + t - ivptcillecer-			1	3	- 1	1												7	4.1	13
Admissions : Deutes Cerel ro-Stimal Fever			1 2		10	1	2	3		β.	-1	3	1			1	ii	24 5	18	13
A limissions Deaths Bub one Physic																		•		-
Admissions Deaths Meashs—																				
Admissions Deaths Is laten				2	. 1															
100 t			1	1					1	1										
Cases from out- side Authorities.																				
Armser of Deat Digit therro-					12	2			1								15		15	
Admission De ct			1	1		- 9		1									1	-1 	.1	1
Port Sanitary Authority. Even and Leven							4		,											
Alms, is Dets Isd. tran Alms is							1				4		1				9		. 9	
1)cit																				
Military and Naval Cases. Scariating Admissions									1								-6		ti	
Dest is Dipl therr - Admir on Dest							6		3								9		')	
Typ of Fever— Admis ion Dest							1		1								-11		2	
																	100	126	5 ,	42

Noiz -N tubercul as patient were admit d into the Haspin area (2 hd June 11 nois remaining in were transmitted to the new Social number of the 2006 June (see § 92-1).

EVAN FRASER HOSPITAL, SUTTON.

					A	GE	AND	Si	X 0:	ь P.	ATTE	NTS.					Tot	al.		
DISTASTS.	Une Lye		Lti	5.	ă to	15.	to :	5 25.	to :	5 35.	3; to 3	5 15.	4: to :		Abo 5) yea	.)	Males.	Females.	Total admissions,	
	М.	F.	М.	Γ.	М.	F.	М.	F.	М.	ŀ.	М.	F.	М.	F.	М.	F.	7.	Fe	-	
Admissions.							,													
Scarlatina-																				
Admission Deaths				٠.	1														1	
Mensles-				• •		• •		• •				• • •	!		• •					
Admissions			1					1										1	1	
Deaths																				
Isolation-																				
Admissions Deaths			!		4								1						10	
		•					1					,	• •	• •			1	•		
lases from out- ldo Authorities. Mensles—			1						ı											
Admissions								- 1		1								1	1	
Deaths																	::			
Scarlatina									• •								l	• •		
Admissions						1								!				1	1	
Deaths	* * 1		٠.,				٠.,				1	[٠, ٤					٠.		
Port Sanitary Authority.						1						i					1			
Small Pox—														ļ						
Admissions			٠٠,				1	1	- 1										2	
Deaths Isolation			٠.,																	
Admissions		1					1		1				1				2		1)	
Deaths			::									:							_	
BBillian and																				
Military and Naval Cases.																				
Cerebro - Spinal			,			1								-						
Fever	1														i					
Admissions							1										1		1	
Deaths		'				1	1				٠٠.			1			1			
Admissions							23		13		1				- [37		1179	
Deaths							,											•		
Scarlatina-							1													
Admissions							1				!						1		1	
Deaths																				
Chicken Pox-									Y		1						,		1	
Admissions Deaths													!				1	• •	1	
Isolation—														• •	• •					
Admissions							3		-1		1						8		8	
Deaths	,																			
Convalescent Cases Trans-																				
ferred from City Hospital.						1														
Scarlatina—			2.1		100			_									1.11		124345	
Admissions	1				100	1 1	• 1			1		'					[30]		900	
Deaths Diphtheria—									• •						• •	• • •	* * .	• •		
Admissions			7	12	17	33	1	3									25	18	73	
Deaths				1 ~				1												

Six limited and eighty-one cases of Scarlatina were notified to the authority, of which number 124 (or 62; per cent.) were removed to hospital. Eight deaths occurred in hospital.

Three hundred and sixty five person were notified as suffering from Diphtheria. Of thi number 244 or 66.8 per cent, were removed to hospital 13 proving fatal.

Eighty four cases of Typhoid Fever were notified, of which number 48 (or 54-6 per cent.) were removed to hospital, 12 proving fatal.

Of the 111 cases of Theoremosis treated in hospital 11 (or 949 per cent.) died.

Note.—These percentages do not include port cases or cases admitted from outlying districts.

EVAN FRASER HOSPITAL.

Only sixty-six cases (see table) were admitted direct into this hospital. Owing, however, to the limited accommodation at the City Hospital. Hedon Road, due to a portion of the Institution being set apart temporarily for the treatment of tuberenlosis patients for the first six months of the year, 306 Scarlatina and 73 Diphtheria convalescent patients were transferred to the Evan Fraser Hospital.

TUBERCULOSIS.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1312,

SUMMARY OF NOTIFICATIONS.

of ons icers and and		Sana- tona.	51		-		
Number of Notifications from edical Office of 1 foor Law stitution at Sanatoria.		S ≃					
Number of Notifications from Medical Officers of Foor Law Institution and Statement	# CH 2	Law Insti- tutions,	21	=======================================	Ī	1	12
Number of Notifications from School Medical Officers.	Notifications (i.e. melud-	ing cases previously notified by other doctors).	ı	_	71	1	**
Number of Notifications om School Medical Office	Primary Notifications.	Total.	1	_	¢1	1	**
er of	tifica	5 3 3	Ţ	-	1	1	-
umb n Sch	No.	5 to 10.	I	ī	01	-	↑ ↑1
fron	imar	Under 5.		-	 		
					-		'
pers.	Total Notifications (i.e., includ-	ing cases previously notified by other doctors).	201 201	197	66	99	- (S.)
Number of Notifications from Private Medica: Fractitioners.		Total.	549	171	09	595	536
dicai		65 and up- wards.	φ	77	1	1	5
e Me		55 to 65.	65 61	-		1	-1
hivat	ns.	45 to 55.	- 15 - 15 - 15 - 15	13	ī		17.
m o	catio	35 to 45.	h h	20 20	-	_	12
ns fr	Notifi	25 to 35.	46	30	72	::	96
icatio	Primary Notifications,	20 25 55	21	63	-	_	1.9
Notif	Prin	20°.	(°	-F1	:5	17	59
Ö		10 to 15.	Ý	23	15	0	21
umbe		5 to 10.	21	11	13	13	59
Z		5.5	£	oc	51	50	0.71
		0 0 1.	-	1	-du	-	9
			*	:	:	:	:
			-Males	Females	Non-Pulmonary-Males	Females	Total
			Pulmonary—Males	Do.	Non-Pulmon	Do.	Totz

Tuberculosis Sanatorium.

The Tuberculosis Sanatorium creeted at Cottingham was first opened for the reception of insured and non-insured patients on 29th June.

Prior to this, tuberculosis patients had, with the approval of the Local Government Board, been treated in a portion of the city infectious diseases hospital. Hedon Road, and those remaining in this institution were transferred to the new Sanatorium on the date named.

The total number of patients admitted into hospital during the year was 111.

The new Sanatorium, which meets a long felt want, and which has been built at a cost of some £25,000 (exclusive of site), after the approval of the plans by the Local Government Board, is situated on portion of a site 101½ acres in extent purchased by the Corporation in 1911 for the purpose of providing a new infectious diseases hospital. The site, known as the Cottingham Castle Estate, is ninety-three feet above the sea level. The portion set apart for the Tuberculosis Sanatorium is about one-third of the estate.

When fully equipped, there will be accommodation for 120 patients, and 41 staff, the accommodation for the patients being as follows:-

ORDINARY C	ASES				Beds	4.
Males		1 +		 	50	
Females				 	30	
					8	()
ACT TE CASE						
Males				 	20	
Females				 	20	
						()
			Total	 	12	

There is adequate accommodation for the exercise of patients and for the provision for light employment in suitable cases.

In the first instance, owing to difficulties created by the war, only 25 beds were equipped. Subsequently 40 additional beds, making a total of 65 at the close of the year, were provided to meet the increasing demands for accommodation at the institution.

An After-Care Committee, upon which representatives of the Health Committee serve, has been appointed for the purpose of finding suitable employment for convalescent patients, and a grant is made by the Corporation towards the expenses incurred by the Committee.

The Sanatorium was formerly opened by the Worshipful the Sheriff of Hull (Councillor Wm. C. Dawson, J.P.), on Saturday, the 5th August. 1916.

Tuberculosis Sanatorium, Cottingham.

The following statement shows the number of patients receiving Sanatorium treatment during the year:—

		AGE A	ND SLX OF	Patients.		Total.
Tubi reulosis,	ā to 15	15 to 25 23	5 (0 35 - 35	to 45 45 t+55	Above 55 years,	lales. males. Total Admissions. Deaths.
	M. F.	M. F. M	l. F. _f M,	F. M. I.	$M_{\star} = F_{\star}$	7. 1. 3.
Admissions Deaths	1	44 3:	25 25		2	111 111

Note. -- These figures include 18 patients transferred from and 7 deaths which occurred in the City Hospital.

Municipal Tuberculosis Dispensaries.

Analysis of Application.

Six hundred and nine patients have applied for treatment or examination, of whom 255 were contacts. The results of the examination of contacts showed them to fall within the following classification:

Definitely Tubercular 68

Definitely T	nberen	lar					68
Probably Tu							47
Suspected T							27
Non-Tubere							99
Suffering fro							
Tuberculosis							14
I III / CIVIII O							
(1)			u Trea				
City Hosi						RIIIM.	30
In Hospital on De							20
Do. do	*		1916				27
Admitted during	1916				• •		111
Discharged do.							101
IMMEDIATE	Resu	LTS OF	SANA	FORIUA	TREA	TMENT.	
Disease Arrested							4
Much Improved							19
Improved							26
Slightly Improved	1						10
In statu quo							23
Worse							4
Died							14
Absconded							1
(ASES	r() ar	HER SA	NATOF	RIA.		
No. of persons add	mitted	during	g 1916				25
Do. di	scharg	ed c	ło				20
Condition on discl	harge :						
Disease Arres	ted						1
Much Improve	ed						4
Improved							4
Slightly Impre							5
Worse						ø .	1
In statu quo							5

TUBERCULIN TREATMENT.

One hundred and forty-five persons received treatment by injection. Of those who had a prolonged course, the results were as follows:—

Improved							62
In statu quo							20
The remaind	er still	contin	tue to	receive	iniectio	ons	

GENERAL TREATMENT

455 patients were placed on general medicinal treatment.

Nurses' Visits.

The total number of visits paid by the Nurses was 3,995.

RE-EXAMINATIONS.

The total number of patients re-examined was 761.

SPUTUM.

145 specimens of sputum were sent to the City Bacteriologist to be examined. Of these 66 were positive for the tubercle bacilli, and 79 were negative. Of the total number 20 were re-examinations.

ATTENDANCES AT THE DISPENSARIES.

The following table shows the attendances at the Dispensaries during the various months:—

	Attendances at Dispensaries.	Contacts examined.	Visits paid by Dr. Haslam, Dr. Baine & Dr. Farbstoin.	Visits paid by Nurses.
January	 696	21	3	306
February	 652	19	•)	353
March	 666	39	3	312
April	 509	22	õ	319
May	 756	29	6	352
June	 831	34	4	357
July	 623	17	* }	264

	Attendances at Dispensaries.	Contacts examined.	Visits paid by Dr. Haslam, Dr. Baine & Dr. Farbstein.	Visits paid by Nurses.
Angust	 688	1.5	*)	371
September	 816	21	*)	390
October	 	.).)	•)	309
November	 798	11	õ	341
December	519	ñ	:3	321
	April Application in Comments			
	8424	255	43	3995
		100-100-100 miles		

Food Inspection.

The Food Inspection in the City is carried out by Mr. James McPhail, M.R.C.V.S.. &c.. Chief Food Inspector, with three assistants, whose duties include the inspection of Cattle and Fish Markets, Meat, Fish, Cowsheds (and cows therein), Dairies, and of all Retail Shops where food is sold. Part of the Inspectors' time is also employed, by arrangement with the Corporation (under the auspices of the Hull and Goole Port Sanitary Authority), in the carrying out of the Unsound Food and Foreign Meat Regulations.

SUMMARY OF SEIZURES.

					lbs.
Beef					 72726
Mutton					 7201
Pork				- +	 8490
Veal				• «	 81023
Offal					 $48612\frac{1}{2}$
Fruit				* *	 309202
Fish, Game	, &c.				 174577
	1	'otal	• •		 628911 <u>1</u> lbs.

equalling 280 tons 3 cwt, 1 qr, 27 lbs.

Included in this weight are 463 careases, seized for various diseases and conditions, 131 of such careases being seized for tuberculosis.

Bacteriology.

In addition to ordinary routine examinations, 155 special examinations were made with

illiactoris v	Dippill of the	. WICH				
Positive .	Results			• •	4 .	4
Negative	Results	• •	* 0	• •		151
	Tot	tal	• •	0 0		155
	Cowsl	heds a	nd D a	iries.		
Number o	of Cowshed	ls in the	e City			81
Do.	do.	in occ	upation	in the	City	76
Do.	Cowkee		-		•	78

Fruit and Vegetable Pests.

Cows kept in the City ...

Do.

981

Various Orders concerning these such as the American Gooseberry Mildew Order and the Wart Disease of Potatoes Order, &c., have been carried out by the Officers of this Department. Pamphlets concerning these diseases have been distributed to persons interested, and reports of cases dealt with have been furnished to the Board of Agriculture and Fisheries |

Tuberculosis Order, 1914.

The above Order is suspended during the War.

Veterinary Inspection.

One thousand eight hundred and ninety visits have been paid to the stables of the Health, Highways and Fire Brigade Departments and to the Willerby Asylum Farm, and 256 cases have received treatment.

Twenty-six cases of alleged cruelty have been visited on behalf of the Police and evidence given at the Police Court.

Fifty-one weekly inspections were made at the Corporation Fat Stock Market, for the purpose of the Public Health and Disease of Animals Acts.

INFANT MORTALITY.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER ONE YEAR OF AGE.

CAUSES OF DUATH	Under 1 Week	1-2 Weeks,	2-3 Weeks.	3-1 Weeks.	Total under 4 Weeks.	4 Weeks and under 3 Months.	3 Months and under 6 Months.	6 Months and under 9 Months.	9 Months and under 12 Months	Total Deaths under One Year,
All Certified		17	45	25	261	116	137	113	97	762
Causes. Uncertified	8							* • •		8
				_		Ĵ				
Small Pox										
Chicken pox	-							1		
Measles						1	-	5	8	15
Searlet Fever						1	õ	i 4	. 10	1 23
Diphtherm and Croup									2	2
The state of the s				٠			3			1 13
The second secon							1	.)	. :	2
Other Inberculous Diseases								1 3	3	6
Meningitis (not Tuberculous Convulsions) 8	***	1	:;	20	2.0	4 9	13	10	10 61
1 1/2					-`'			1	117	
Bronchitis		•)	1	5	-	20	16	16	1.2	72
		2	· · · · · · · · · · · · · · · · · · ·	. 1	- S - 6	21	27 23	1.38	21	121 71
		1	1	2		5	10	3	5	27
Gastritis	-					3		, 1	2	- 6
Syphilis Rickets		Ī	1	* · ·	2	1	1			Ł
	3				3	l ï	1	1		9
	2	1								3
Arelectasis	11		-1	1	15	5	.5			19 21
Fremature Birth	<9	1 6	į)	i i	120	7		Ī		128
Atrophy, Dobibly, and						1	1 7			
Other Causes	33	17	11		,0	35	17	1 2		133
		-	-		1		_			
			1.7		1	1				
Totals	152	47	15	1) ")	269	116	137	1113	97	770

					legitimate		6,361 351
Nert	Deaths	in the	year of	1	legitimate infants idegitimate infants	•••	722 18

VITAL STATISTICS OF WHOLE DISTRICT DURING 1916 AND PREVIOUS YEARS.

	Agr. Rate	16.6	+ + +	1.	0.01	165	18:0
SLEONGING 1 TRICE.	At all Age.	F55x	· · ·	4230	4366	1611	9967
Neit Deanns beengange for the District.	ar of Age. Rate Per 1000 Nett Dirths.		161	131	27	150	-2
Z	rader 1 Year of Age, Rate	10.00	202	10	960	5.5%	
TALE TO THE TALE TALE TO THE TALE TALE TALE TALE TALE TALE TALE TAL	of Resi- dents not registered in the District.	<u>x</u>	9.		Š	10:3	1
Translliabli Deaths,	of Non- residents registered in the District.	-	100	-	1 -	201	17
HAMINS OF THE LEE.		16:5	11:3	14.8	6:1	16:7	16.1
TOAL DEADS BLOSTING DIN IN DISJUGE	Nam icr.	1611	6101	1266		33	:1
	managananya ayar ona hasabilinininin SSC cilibaa 	20.7.51	1-1-0	0.10		3. 3.	
Fig.	Nett.	7.000	7	1001	73002	72.0	())
	B	continues of the contin	, 1 / 1 =	1-	1500	::	**************************************
Pos		£	5.1 5.1 5.1	100000		-	
darvet für ville felderude	A man many mill of whitefur state.		21	:7	wander general ege + gar- gar- gar-	1415	er Gr

Area of district in acres + 9359. (land and inland water)...

Total population at all ages..... 277991 (at Census 1911.).

Sixteen cases have been dealt with under the Contagious Diseases Animals Act, in conjunction with the Inspector for the Local Authority.

Housing of the Working Classes Act, 1890, Housing, Town Planning, etc., Act, 1909, and

Housing (Inspection of District) Regulations.

The following is a brief summary of the work done under the above Acts and Regulations.

Eighteen dwelling-houses have been demolished by their respective owners without the making of Closing Orders, and two dwell' g-houses were demolished after Closing Orders were made.

The drains of fifty-seven dwelling-houses have been re-constructed, and sanitary defects or dilapidations remedied in sixty-six dwelling-houses.

Midwives Act, 1902.

In accordance with Section 10 of the Midwives Act. 1902, fifty-three midwives notified their intention of practising within the district. Twenty-two of this number were hospital trained midwives and thirty one bona-fide midwives. Five hundred and thirty notifications of medical help and two hundred and fifty-nine notifications of still birth and eight notifications re death of infants were received.

One thousand and ninety eight visits of inspection and investigation were made in connection with the above Act. Callers at the Office for interviews average 60 per week.

Puerperal Fever.

Eleven cases of Puerperal Fever were investigated. Four were operative deliveries. In all cases of Puerperal Fever occurring in the practice of a midwife, quarantine is imposed until the Central Midwives Board's rules have been complied with.

PUERPERAL FEVER CASES CLASSIFIED.

						Per Cent.
Cases a	ittend	edb	y Medical Practitioners	 	4	36.3
	* *		Trained Midwives	 	3	27.2
			Bona-fide Midwives	 • 1	-1	36.3

Ophthalmia Neonatorum.

Ninety-five cases of Ophthalmia Neonatorum have been notified, 44 by Medical Practitioners and 51 by Midwives. One case resulted in permanent blindness.

Notification of Births Act, 1902.

No. of	births notif	fied und	ler th	e above	Act		5869
	., attend	ed by M	ledies	al Practi	tioner	8	1674
		, ,	Mi	idwives			4195
	first visits	to Infa	nts				5048
., .,	revisits	4 4	9.4				10837
Hours	of attenda	mee by	Hea	lth Visi	tors a	t -	
	lull Clinic						hours.
West						194	hours.

Tuberculosis Regulations.

Consumptive patients not under dispensary treatment are visited by the women inspectors, the number of investigations being 540. Verbal and printed instructions against the spread of infection were freely distributed and sputum flasks supplied.

Miscellaneous Work.

This includes 34 cases of Whooping Cough, 128 cases of Diarrhæa (including adults), 7 cases of Cerebro Spinal Fever, 51 cases of "neglected" children, 4,873 visits non-classified, 15 visits of inspection to the women's Lodging House. The total number of notifications dealt with and visits paid equalled 23,587.

Maternity and Child Welfare.

The work in connection with the Maternity and Child Welfare Scheme continues to receive the careful attention of the Health Committee and their officials.

At the Clinics established in East and West Hull, $e\mathbf{x}$ pectant mothers attend, and babies are brought for examination and treatment and the mothers are given advice as to the rearing of infants.

Cod liver emulsion, virol and chemical food are supplied in suitable cases, and where the Medical Officer recommends it, the free services of a midwife is granted. Also in cases requiring the attendance of a medical practitioner, the fees, after investigation, are paid by the Corporation.

The following figures show the attendance at these Clinics:

Number of (expectant mothers	 230
individual (children	 668
Total number of (expectant mothers	 283
attendances of delildren	 1611

Complicated and other necessitous cases of pregnancy are treated in the Corporation's maternity home. The cases admitted numbered 103,

SALE OF FOOD AND DRUGS ACT.

Samples taken under the above Acts and submitted to the Public Analyst.

		ů,		Samples Taken.					ij	ned	
DESCRIPTION O) ¥-	No. of Samples.	Officially.	Informully.	By Agent.	In course of Delivery.	Genuine.	Adulterated	No action taken.	Vendors cautioned by letter.	Prosecutions
Baking Powder Brandy		27 2		127	12		21		3		
Butter		80	**	77 16	316		7.1 25	6	- fi		
*Cream . Cust ird P w lei		21		3	1		-::			,	
Eggs (dried)		1		ï			1				
Lgg Pewder .		**		.:			::				
Hour (self-rasing)			1	1			1	1	1		
Gin		2		-2	-		2				
Lard Mar terme		1	1.1	4.3	3:3		57				
Milk		121	388	36	20	21	357	31	12	5	21
Do. kimmel		1		1			1		1		- 1
Rum		• >		2	2		• 3				
Vinegar		1		1	1		1				
Whisky		1		ţ			1				
letil-		64)	117	226	113	21	597	16	22	(5)	21

Including 3's implies taken for the purposes of the Public Health (Milk and Cream) Regulations, 1912.

Factories and Workshops Acts, Shops Acts, and Employment of Children Act.

TOTAL INSPECTIONS.	Work Accomplished under
Workshops 1850	тие Shops Аст, 1912.
Factories 38	Shops on Register 6565
Workplaces 113	
Laundries 16	Notice not exhibited 263
Bakehouses 283	Assistants' half-holiday
Re-Inspections, &c 819	not allowed 98
Outworkers' Lists	Meal Times not allowed 79
examined 306	Open after Closing Hour 168
Steam Whistles	Mixed Shops open after
Theatres, Shops, &c.	Closing Hour, Aet not
(E. C. A.) 281	complied with 1069
Fire Escapes 30	Seats required 23
Shops 8941	Seats provided on request 20
Plans Examined 67	Prosecutions:
	No. of Cases 7
Grand Total 12744	Convictions 7
	Withdrawn
Prosecutions Instituted un	DER THE SHOPS. &C., ACTS.
Shops Act 2	2 convictions. Total Fines £1 Is.
Employment of Children 5	5 convictions, 1 withdrawn. Total fines £2 7s.
Public Health Acts,	
Amendment Act, 1890 1	
TOTAL FAULTS	Вемеріер.
Unregistered Workshops 46	Closing of Shops 80
Sanitary 227	Shop Seats 36
Fire Escapes 6	Steam Whistles
Shop Notices 263	Employment of Children 90
Hours of Employment	
and Meal Times 12	
	Total 760

Fertilisers and Feeding Stuffs Act, 1906.

One sample taken informally under the above Act and submitted to the Agricultural Analyst for analysis, was certified to be "unsatisfactory." This sample is being followed up by official samples.

Public Mortuary.

No. of bodies admitted (179 Males and 97 Females)	 276
No. of post-mortem examinations	 217
No. of Inquests held	 257

Disinfecting Station.

Year.	No. of persons bathed.	No. of articles disinfected.	No. of books disinfected.	No. of premises disinfected.
1913	2826	24084	357	1624
1914	3493	38213	605	3628
1915	3795	46730	1105	2687
1916	6068	47038	627	3996

Attendances at Public Baths.

Year.	Beverley Road.	Madeley Street.	East Hull.	Nowington (Open Air).
1913	136344	128949	95244	11958
1914	150950	134737	150950	16154
1915	136985	200779	98030	13192
1916	114819	124616	93015	15119

Refuse Collection.

No. of loads	dry-dus collected	4 +	 	30699
No. of loads	nightsoil collected		 	24268
No. of loads	refuse destroyed at	destructors.	 	22980

